Application No. 09/824,360 Amendment dated May 6, 2005 Reply to Office Action mailed April 6, 2005

### REMARKS

The present Amendment is in response to the Examiner's Notice of Non-Compliant Amendment mailed April 6, 2005. Claims 1-23 remain pending in view of the above amendments.

Reconsideration of the application is respectfully requested in view of the above amendments to the drawings and the following remarks.

### I. Amended Drawings

### [Accommodating the Examiner's objections]

The Examiner objects to Figures 1-3 on the grounds that the figures do not include the indicator "Replacement Sheet" in the top margin. Applicants submit new Figures 1-3 which include the text "Replacement Sheet" in the top margin of each figure. Also enclosed are redlined copies of Figures 1-3 showing the changes being made.

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## Amendments to the Drawings:

The attached three (3) sheets of drawings include changes to Figures 1-3. These sheets, replace the original three sheets including Figures 1-3. In sheets 1-3, "Replacement Sheet" has been added to the top margin.

Attachment:

Three (3) Replacement Sheets

Annotated Sheets Showing Changes

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### **CONCLUSION**

In view of the foregoing, Applicants believe the claims as amended are in allowable form. In the event that the Examiner finds remaining impediment to a prompt allowance of this application that may be clarified through a telephone interview, or which may be overcome by an Examiner's Amendment, the Examiner is requested to contact the undersigned attorney.

Dated this 6th day of May, 2005.

Respectfully submitted,

ERIC L. MASCHOFF Registration No. 36,596

Attorney for Applicant

Customer No. 022913

Telephone: (801) 533-9800

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Title: A METHOD AND SYSTEM FOR PERFORMING UTDM Inventor: John M. Wachsman Docket No.: 15436.248.3 REPLACEMENT SHEET 1/3 130 Converter 110 Wavelength 122 105 Combiner 191 Element 183 Chromatic Dispersive Element 182 Chromatic Dispersive Element 184 Chromatic Dispersive Element <u>181</u> Chromatic Dispersive Fig. 1 8 172 173 174 Modulator Modulator Modulator Modulator 197 162 ل 133 151 152 153 154 Tunable Laser Tunable Laser Tunable Laser Tunable Laser

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Inventor: John M. Wachsman
Docket No.: 15436.248.3
REPLACEMENT SHEET
2/3

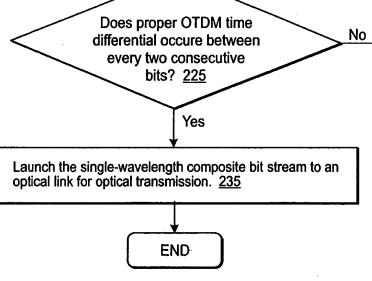
Generate n bit streams of approximately bit rate B by modulating each of n output laser\_beams respectively from n tunable CW laser sources. 205

**BEGIN** 

Generate n chromatically dispersed bit streams by introducing chromatic dispersion into each of the n bit streams by passing each modulated bit stream through a cromatic dispersive element. 210

Form a multi-wavelength composite bit stream of approximately bit rate nB by combining the n chromatically dispersed bit streams. The multi-wavelength composite bit stream contains wavelengths from the n chromatically dispersed bit streams. 215

Generate a single-wavelength composite bit stream of approximately bit rate nB by passing the multi-wavelength composite bit stream through a wavelength converter. 220



Adjust time positions of bits within the single wavelength composite bit stream to create proper ODTM time differential between every two consecutive bits by tuning some or all of n laser sources. 230

Fig. 2

# O 6 2000 C TRAVENDA

### Title: A METHOD AND SYSTEM FOR PERFORMING UTDM

Inventor: John M. Wachsman
Docket No.: 15436.248.3
REPLACEMENT SHEET
3/3

<u>300</u>

